What Is Claimed Is:

1. A method of manufacturing a plastic container for containing oxygen sensitive contents, comprising the step of:

blow molding a heated plastic with a compressed gas that is inert to the oxygen sensitive contents.

2. The method of claim 1, said heated plastic comprising a layer of a plastic that is an oxygen barrier and a layer comprising a gas permeable plastic.

3. The method f claim 2, said plastic that is an oxygen barrier between two layers of said gas permeable plastic.

4. The method of claim 1, said heated plastic comprising an oxygen scavenging component and wherein said compressed gas does not react with said oxygen scavenging component.

5. The method of claim 1, wherein said compressed gas is nitrogen.

6. The method of claim 1, wherein said blow molding is selected from extrusion blow molding, injection blow molding and stretch blow molding.

7. The method of claim 1, wherein the plastic is selected from a polyolefin, a nylon, and a polyester.

8. The method of claim 7, wherein said polyolefin is selected from polypropylene, high density polyethylene, and low density polyethylene.

9. The method of claim 7, wherein said polyester is PET.

10. The method of claim 1, wherein said heated plastic is a preform.

11. The method of claim 10, wherein said preform comprises a monolayer.

12. The method of claim 1, wherein said compressed gas saturates the walls of the container.

13. A method of extending the shelf-life of a packaged oxygen sensitive product in a plastic container, comprising the steps of:

placing a heated plastic into a mold;

inflating said heated plastic with a compressed gas that is inert to the oxygen sensitive product;

cooling said inflated container; and

removing said cooled container from said mold.

14. The method of claim 13, said heated plastic comprising a layer of a plastic that has oxygen scavenging properties and a layer of a gas permeable plastic.

15. The method of claim 13, said heated plastic comprising an oxygen scavenging component wherein said compressed gas does not react with said oxygen scavenging component.

16. The method of claim 13, wherein said compressed gas is nitrogen.

17. The method of claim 13, wherein said heated plastic comprises an extruded tube.

18. The method of claim 13, wherein said heated plastic comprises a preform.

19. The method of claim 18, wherein said preform has been injection molded.

20. The method of claim 14, wherein said layer having oxygen scavenging properties is between two layers of said gas permeable plastic.

21. The method of claim 15, wherein said heated plastic comprises a monolayer of plastic comprising an oxygen scavenging component.

22. The method of claim 13, wherein the shelf-life is extended by from about 20% to about 300% as compared to a container inflated with air.

23. The method of claim 13, wherein the shelf-life is extended by from about 50% to about 75% as compared to a container inflated with air.

24. The method of claim 13, wherein the shelf-life is extended by about 5 days as compared to a container inflated with air.

25. The method of claim 13, wherein the shelf-life is extended by about 2 weeks as compared to a container inflated with air.